

FIG. 1

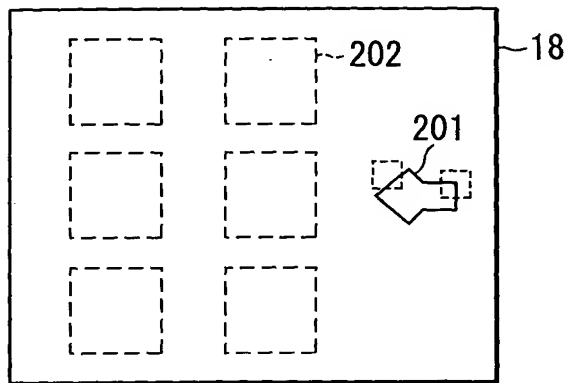


FIG. 2

FIG. 4

{

VSF

}

Scan
-projection

Character code 17~21:VSF 22~:Scan-projection

1-20	21-40	41-52	53-64
Character code	Blank	Blank	Blank
X	X	Lx	Ly

Character code	Nscan	px	py
X	Y	Nx	Ny

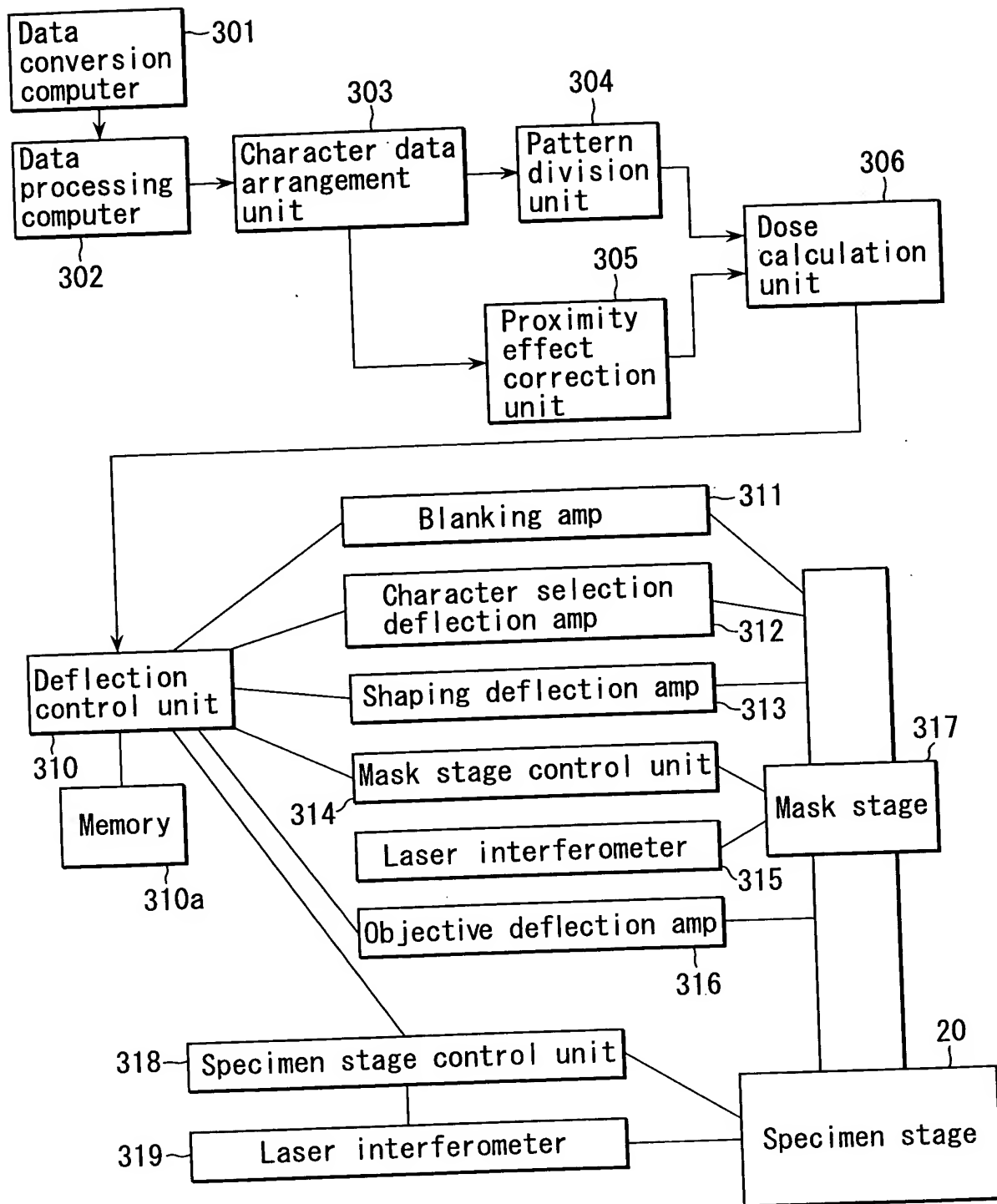


FIG. 3

Character number				
Character code address 0				
Character code address 1				
⋮				
Address 0	EB mask code	XB	YB	XF YF
Address 1	EB mask code	XB	YB	XF YF
Address 2	EB mask code	XB	YB	XF YF
Address 3	EB mask code	XB	YB	XF YF
⋮				

FIG. 5

Dose table D_{ij}			
1-16 N_x (0, 0)	17-32 N_y (0, 1)	33-48 p_x (0, 2)	49-64 p_y (0, 3)
⋮			
(N_y-1 , 0) (0, 0)	(N_y-1 , 1) (0, 5)	(N_y-1 , 2) (0, 6)	(N_y-1 , 3) (0, 7)
⋮			
(N_y-1 , 4)	(N_y-1 , 5)	(N_y-1 , 6)	(N_y-1 , 7)
⋮			
(0, N_x-4)	(0, N_x-3)	(0, N_x-2)	(0, N_x-1)
⋮			
(N_y-1 , N_x-4)	(N_y-1 , N_x-3)	(N_y-1 , N_x-2)	(N_y-1 , N_x-1)
⋮			

FIG. 8

	1-20	21-42	43-64	
Transfer pattern data	Number of scanned character (NF)			
	Address for data on character code 22	x-coordinate on EB mask at the origin of data on character code 22	y-coordinate on EB mask at the origin of data on character code 22	
	Address for data on character code 23	x-coordinate on EB mask at the origin of data on character code 23	y-coordinate on EB mask at the origin of data on character code 23	
	⋮			
Address for character code 22	Address for data on character code NF+21	x-coordinate on EB mask at the origin of data on character code NF+21	y-coordinate on EB mask at the origin of data on character code NF+21	
	1-16	17-32	18-48	49-64
	S	xG	yG	
	nx	ny	px	py
	(0, 0)	(0, 1)	(0, 2)	(0, 3)
	(1, 0)	(1, 1)	(1, 2)	(1, 3)
	(2, 0)	(2, 1)	(2, 2)	(2, 3)
	⋮			
	(ny-1, 0)	(ny-1, 1)	(ny-1, 2)	(ny-1, 3)
	(0, 4)	(0, 5)	(0, 6)	(0, 7)
	(ny-1, 4)	(ny-1, 5)	(ny-1, 6)	(ny-1, 7)
	(0, 8)	(0, 9)	(0, 10)	(0, 10)
	⋮			
Address for character code 23	(ny-1, nx-4)	(ny-1, nx-3)	(ny-1, nx-2)	(ny-1, nx-1)
	S	xG	yG	
	nx	ny	sx	sy
	(0, 0)	(0, 1)	(0, 2)	(0, 3)
	(1, 0)	(1, 1)	(1, 2)	(1, 3)
	(2, 0)	(2, 1)	(2, 2)	(2, 3)
	⋮			
	(ny-1, 0)	(ny-1, 1)	(ny-1, 2)	(ny-1, 3)
	(0, 4)	(0, 5)	(0, 6)	(0, 7)
	⋮			
	(ny-1, 4)	(ny-1, 5)	(ny-1, 6)	(ny-1, 7)
	(0, 8)	(0, 9)	(0, 10)	(0, 10)
	⋮			
	(ny-1, nx-4)	(ny-1, nx-3)	(ny-1, nx-2)	(ny-1, nx-1)

FIG. 6

Transfer pattern
data

1-20	21-42	43-64	
Number of scanned character (NF)			
Address for data on character code 22	x-coordinate on EB mask at the origin of data on character code 22	y-coordinate on EB mask at the origin of data on character code 22	
Address for data on character code 23	x-coordinate on EB mask at the origin of data on character code 23	y-coordinate on EB mask at the origin of data on character code 23	

⋮

Address for
character code 22

Address for data on character code NF+21	x-coordinate on EB mask at the origin of data on character code NF+21	y-coordinate on EB mask at the origin of data on character code NF+21	
1-16	17-32	18-48	49-64
Number of character (n)	Total area	xG	yG
Area of character 0	x0	y0	
nx	ny	px	px
Area of character 1	x0	y0	
nx	ny	px	px
Area of character 2	x0	y0	
nx	ny	px	py

⋮

Address for
character code 23

Area of character n-1	x0	y0	
nx	ny	px	
Blank			
Number of character (n)	S	xG	yG
Area of character 0	x0	y0	
nx	ny	px	py
Area of character 2	x0	y0	
nx	ny	px	py

⋮

Area of character n-1	x0	y0	
nx	ny	px	py
Blank			

FIG. 7

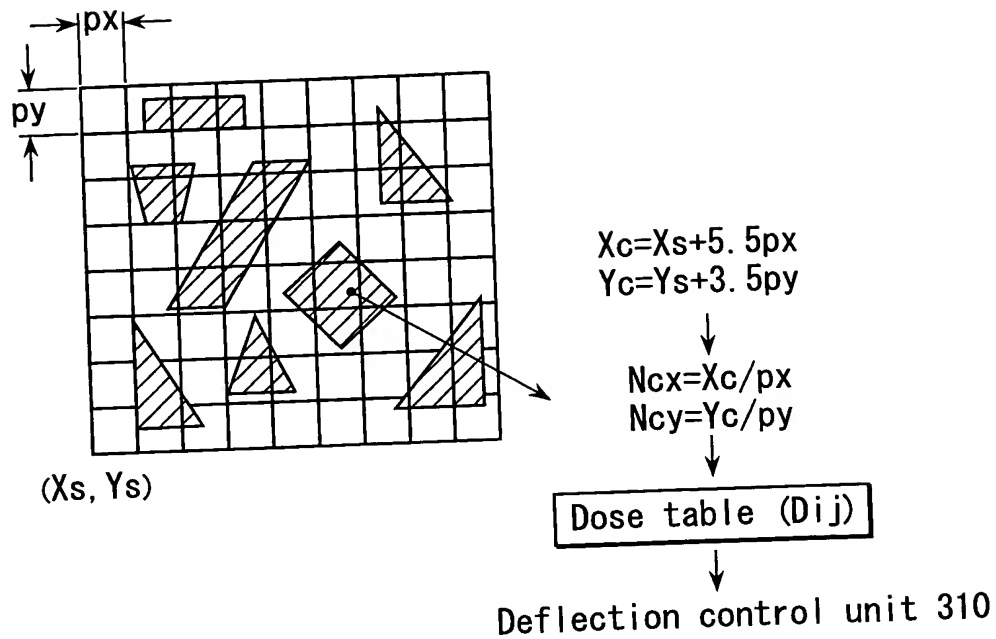


FIG. 9

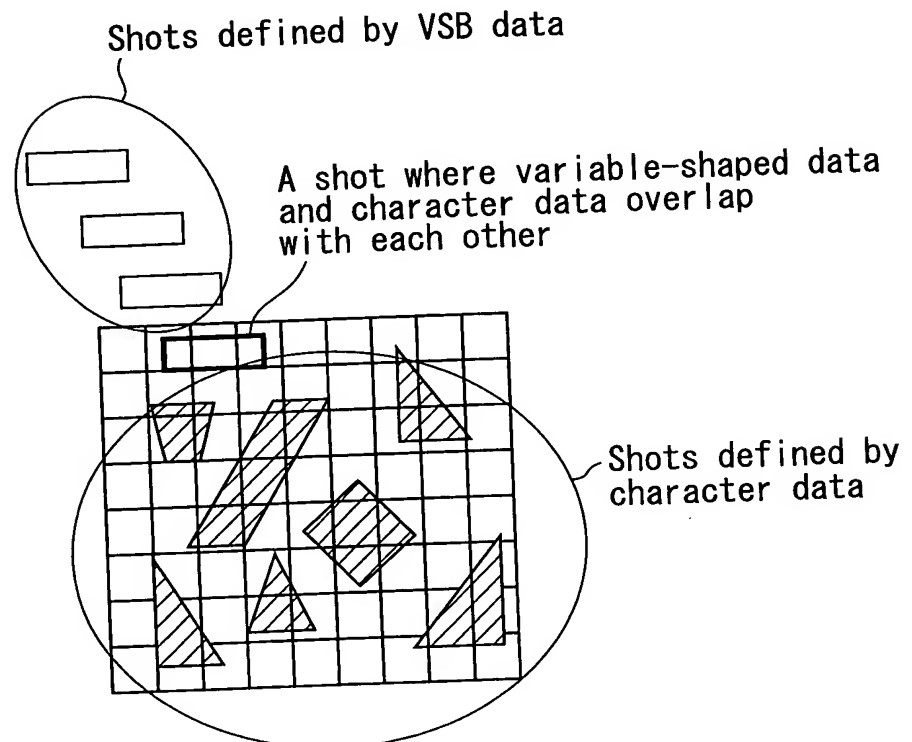


FIG. 10